

Figure 1

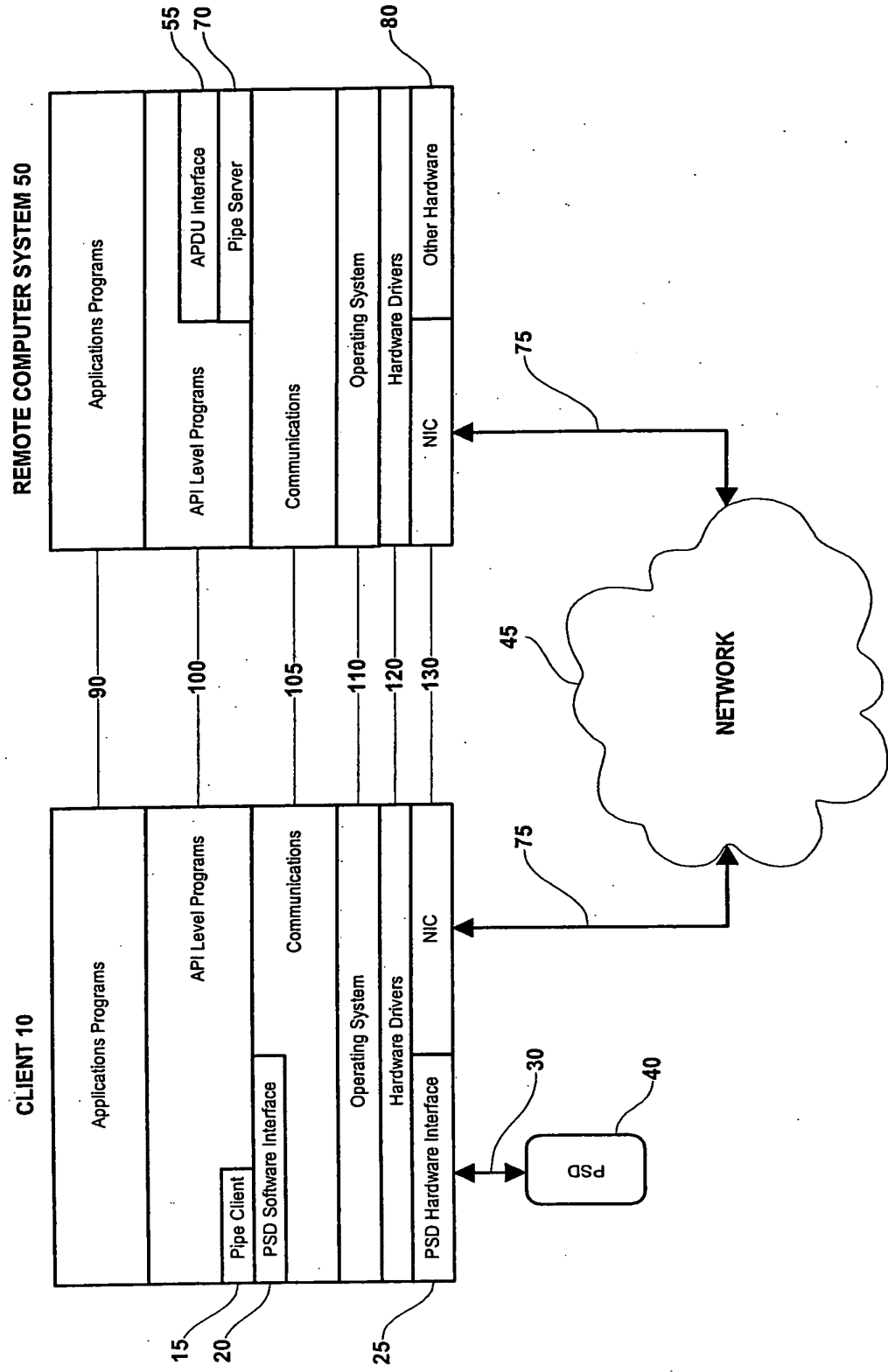


Figure 2

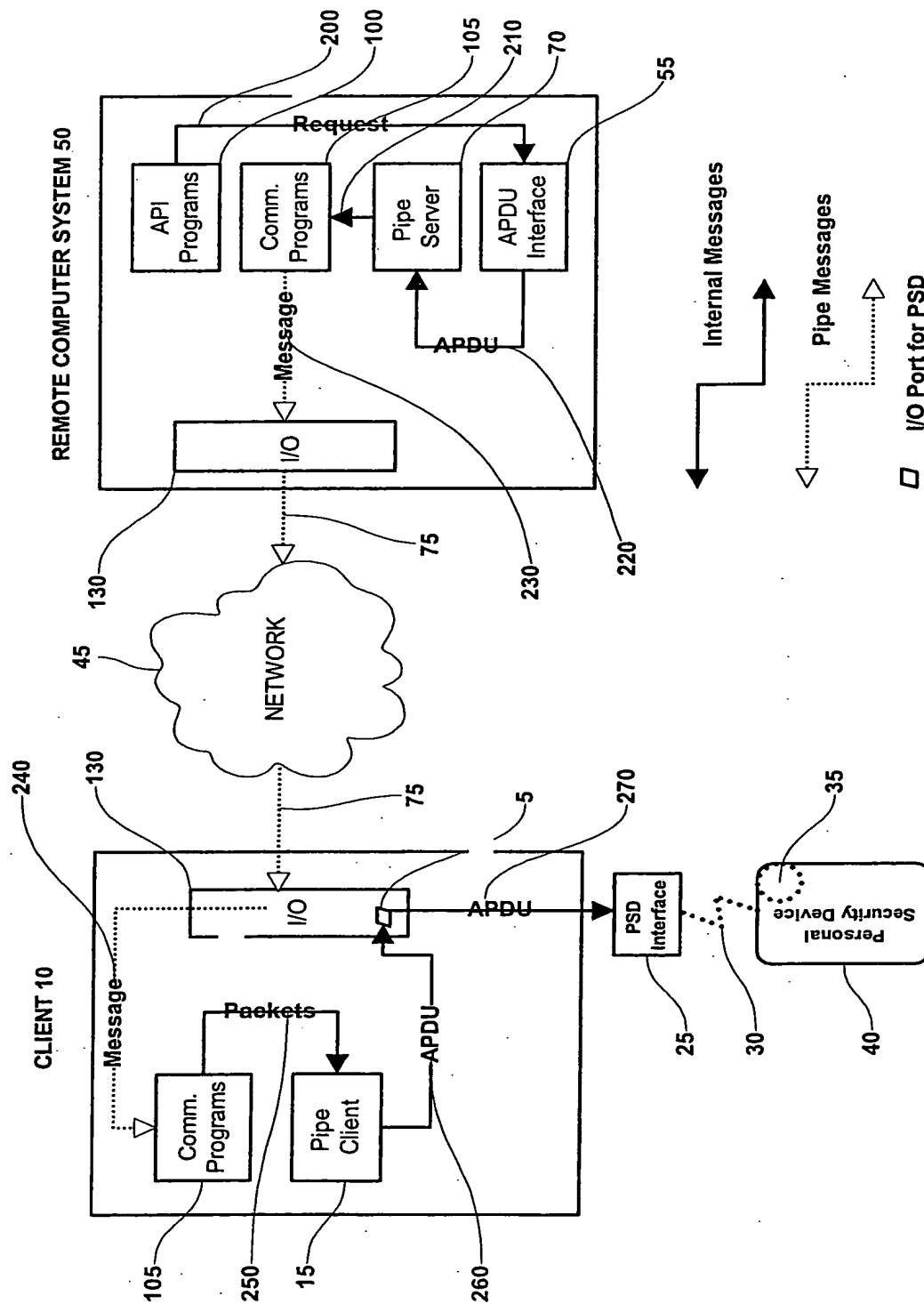


Figure 3

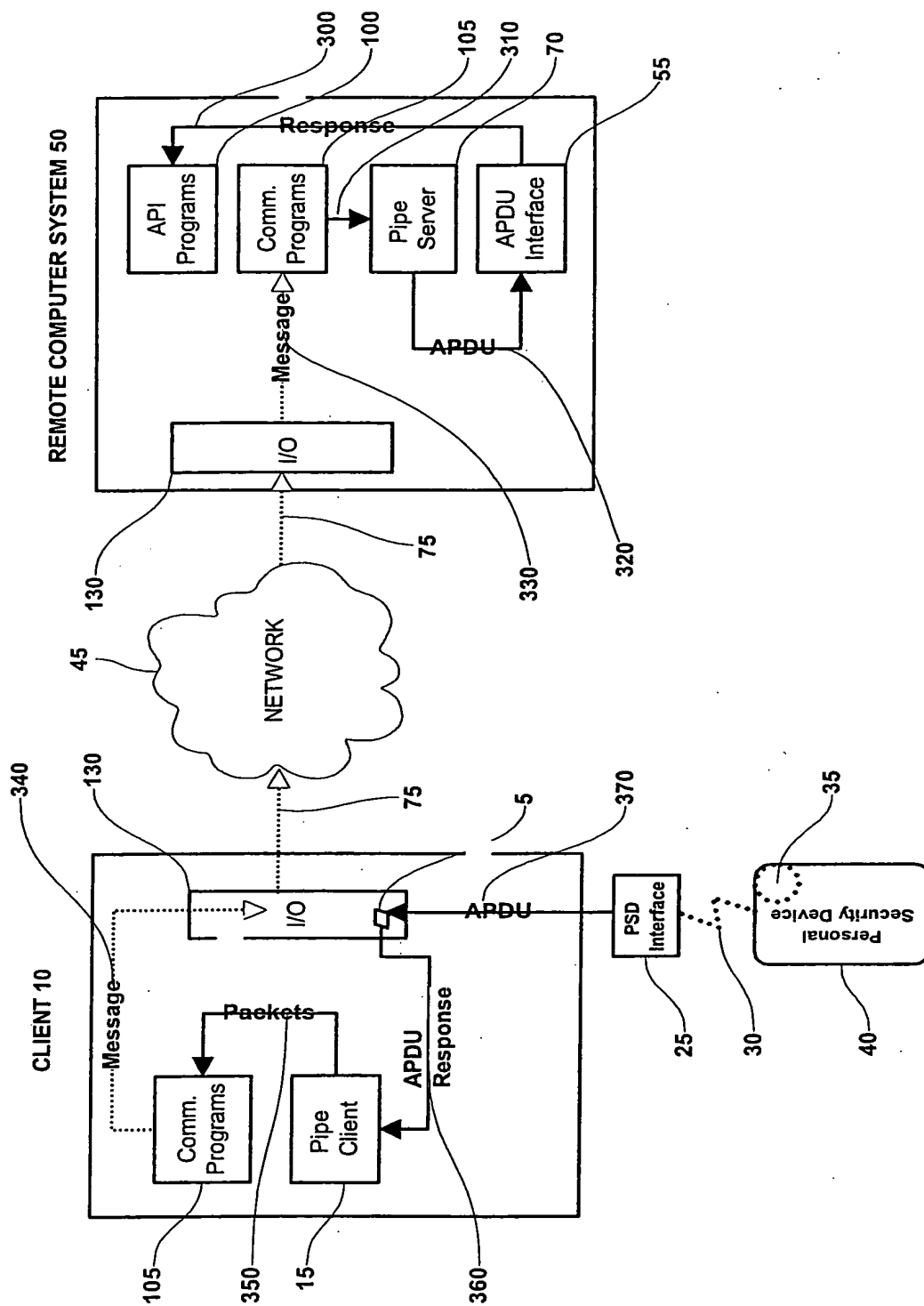


Figure 4A

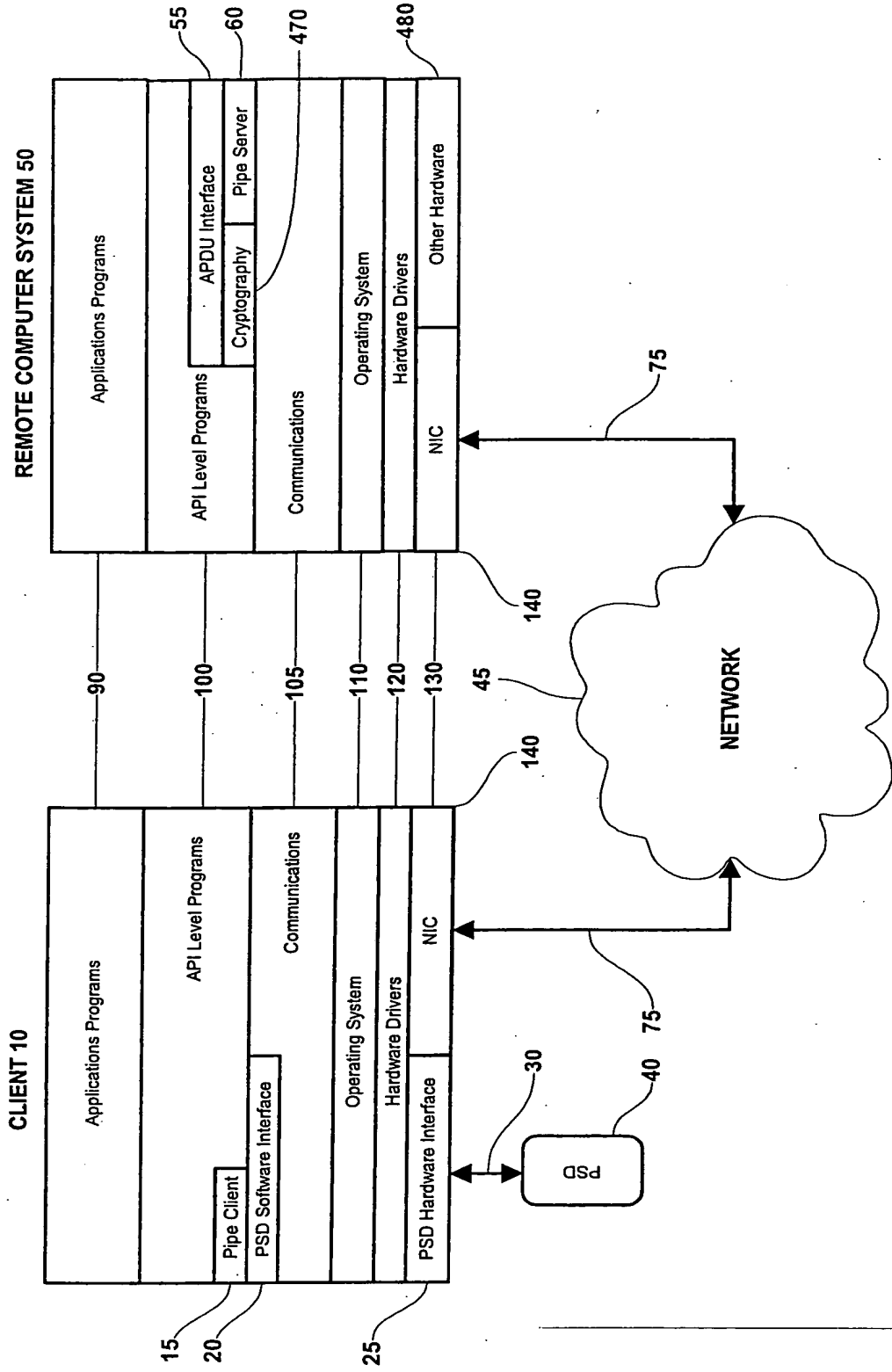


Figure 4B

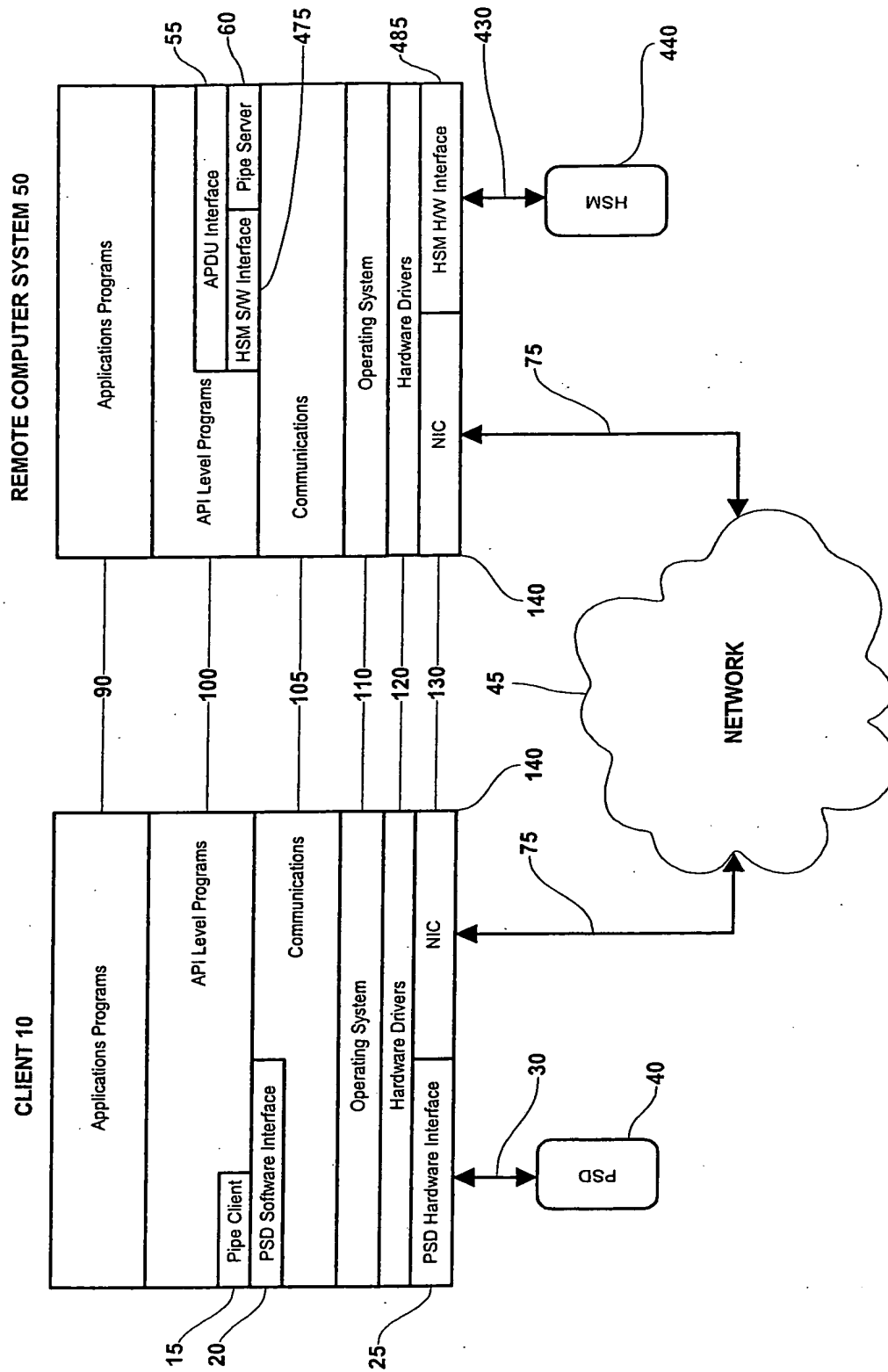
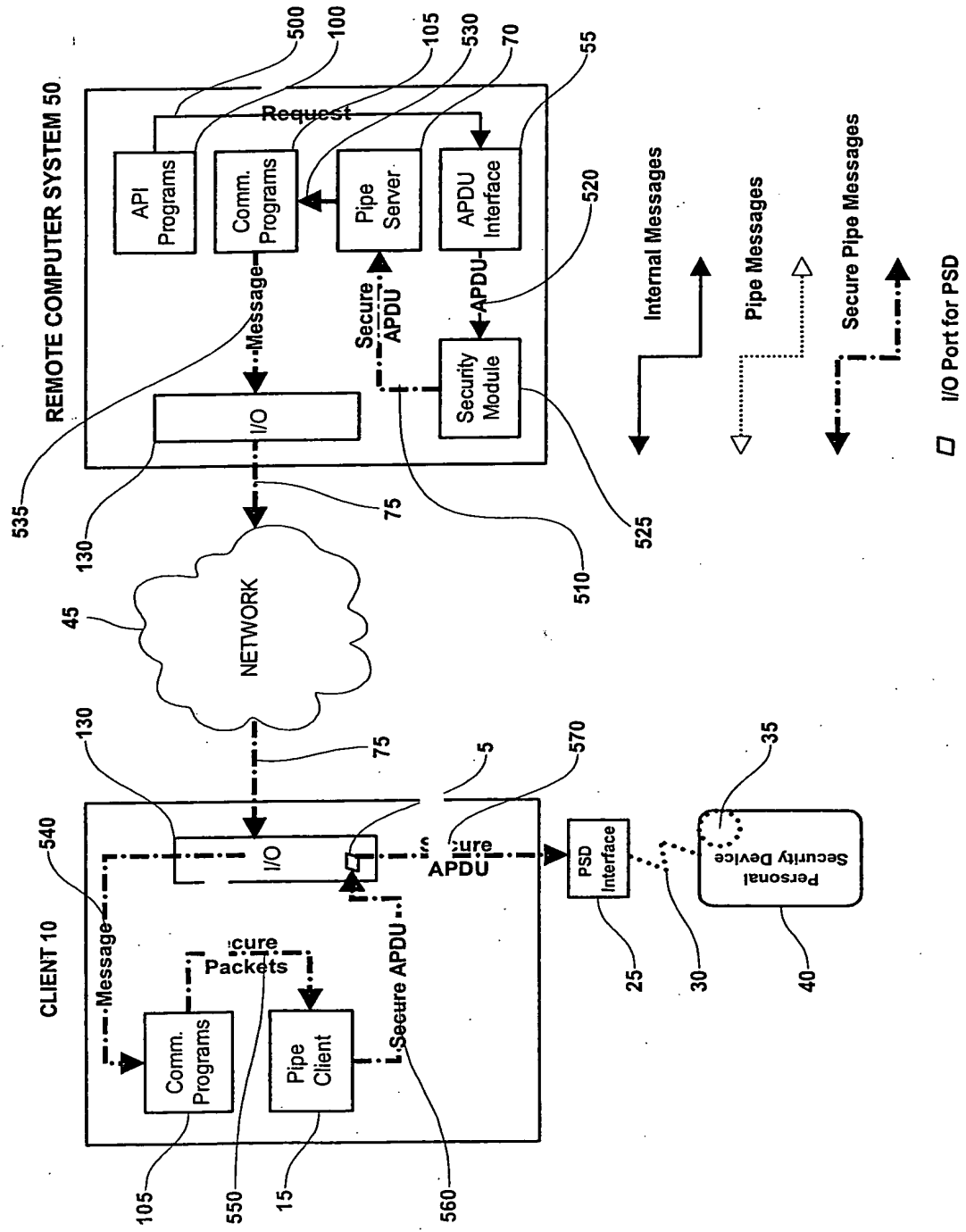


Figure 5



The diagram illustrates a secure communication system between a **CLIENT 10** and a **REMOTE COMPUTER SYSTEM 50**, connected via a **NETWORK 45**.

CLIENT 10 (Left):

- Comm. Programs (105):** Receives a **Message** (640) from the network and sends **Secure Packets** (650) to the **Pipe Client**.
- Pipe Client (15):** Receives **Secure Packets** and sends a **Secure APDU** (660) to the **I/O** block.
- I/O (5):** Acts as the interface between the client and the network.
- PSD Interface (25):** Receives a **Secure APDU** from the client and sends it to the **Personal Security Device (35)**.
- Personal Security Device (35):** Contains a **Security Module (40)** and is connected to the **PSD Interface** via a **Secure APDU** (30).

REMOTE COMPUTER SYSTEM 50 (Right):

- I/O (75):** Receives a **Secure APDU** (70) from the network and sends a **Message** (635) to the **Comm. Programs**.
- Comm. Programs (100):** Receives the **Message** and sends a **Response** (625) to the **API Programs**.
- API Programs (600):** Receives the **Response** and sends it back to the network.
- Pipe Server (105):** Receives a **Secure APDU** (630) from the **Security Module** and sends it to the **APDU Interface**.
- APDU Interface (70):** Receives the **Secure APDU** and sends it to the **Security Module**.
- Security Module (620):** Receives the **Secure APDU** and sends it to the **Pipe Server**.

NETWORK 45: Facilitates the exchange of **Messages** (635, 640) and **Secure Packets** (650) between the client and the remote system.

